



Atty. Docket No. B06410 (F&R 609001)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Hilscher et al.) Examiner: Chin, Randall E.
Serial Number: 10/662,237) Group Art Unit: 1744
Filed: September 15, 2003) For: Method and Device for Cleaning Teeth
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Honorable Sir:

TRANSMITTAL

1. Herewith are the following documents for the above-identified application:

- (a) Second Info. Disc. Statement (I.D.S.), 7 pages, with
- (b) 8 pages of Form 1449, with the listed references.

2. The fee required by this paper has been calculated as follows:


- (a) Total independent claims in excess of highest number
previously paid for ((- 3) = x \$200) \$
- (b) Additional claims ((- previously paid for) = @ \$50) \$
- (c) Petition for submission of prior art (§1.17(p)) \$ 180

Total Fee \$ 180

3. The Commissioner is hereby authorized to charge the above-indicated fees totaling \$ 180, plus any additional fees under §1.16 and §1.17, including time extension fees, required by this communication, to Deposit Account No. 07-1350. A **duplicate** copy of this authorization is enclosed.

Respectfully submitted,

Patent Department
The Gillette Company
Prudential Tower Building
Boston, MA 02199
(617) 421-7939 (6 a.m.-12 noon, EST)


Edward S. Podszus
Reg. No. 35,983
Attorney for Applicant(s)
Date: 11 May 2005

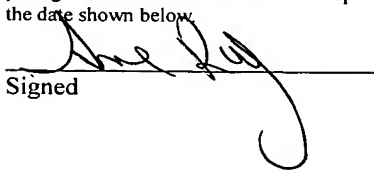
Certificate of First Class Mailing under §1.08

I hereby certify that this paper and those referenced herein are being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Signed

Printed Name

Date



Anne Ray

5-18-05



Atty. Docket No. B06410 (F&R 609001)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Hilscher et al.) Examiner: Chin, Randall E.
Serial Number: 10/662,237) Group Art Unit: 1744
Filed: September 15, 2003) For: Method and Device for Cleaning Teeth
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SECOND INFORMATION DISCLOSURE STATEMENT

Applicants have submitted herewith for the Examiner's consideration copies of the references identified in the attached form PTO-1449. Applicants respectfully request that the Examiner carefully review all of the submitted references and kindly make them of record by initialing the PTO-1449. This submission is made in good faith to comply with the obligation to disclose material information under 37 C.F.R. §1.56 and should not be construed as an admission that the references submitted are relevant or are prior art.

In US Pat. 3,220,039 (Dayton), reference is made to the disclosure at col. 4, lines 18-53, of an embodiment of a mounting arrangement, alternate to the depicted interlocking fingers, between the removable brush unit 11 and the handle unit 10 that uses a bayonet connection, hinged clips, or "permanent magnets embedded in the cooperating cover plates of the respective units".

German Patent 28 26 008 C2, published June 16, 1983, discloses a toothbrush whose switch can be actuated when the plastic ring 4 which carries a magnet is present on the housing; if the ring is slipped off the housing, such as for travel, the switch cannot be actuated, as demonstrated in a product on sale in the United States described in the Use Instructions to the Braun D5 (Type 4726) Plak Control toothbrush, see section at page 10 "When Traveling" describing the switch labeled "Travel Lock" shown in figure F, made of record herewith.

Certificate of First Class Mailing

I hereby certify that this paper and those referenced herein are being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to The Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Signature

Printed Name in block letters

Date

05/23/2005 RFEKADU1 00000003 061050 10662237

01 FC:1806 50.00 DA 130.00 OP

Summary of Prior Public Use Interplak Toothbrush Models Travel Switch

As discussed below, the Interplak Model PB-4B has a travel protection switch formed by a metal prong and a recess; the metal prong is on the handle, and the corresponding shape-fitting recess is on the brushhead. In another embodiment, Interplak handle Model PB-6 has a travel protection switch which is an electrode located under the plastic of the handle mount and there is a cooperating lock on the handle which is manually button-actuated to release it from the recess of the brushhead (the same brushhead is used on both models).

1. Bausch & Lomb Interplak Handle Model PB-4B style

The identified Bausch & Lomb (circa 1992) "Interplak" handpiece and toothbrush with travel protection switch is believed to be prior art on sale in the United States prior to the present application.¹ Similar models were at located at the place of business of Applicants' assignee.² On information and belief, these handpiece and toothbrush specimens are believed to have been on sale in the U.S. prior to Applicants' filing date.

The metal electrode is located on the handpiece portion (and not in the brushhead portion) in order to function as a travel protection switch. This electrode is made of metal in order to complete the electric circuit. A copy of the box rear panel to the Model PB-4B is included which shows in see-through diagrammatic view that the electrode which forms the travel protection switch has a wire contact from the On/Off switch soldered to it (near where the word "ON" appears) and at a region deeper inside the handle this electrode makes further electrical contact with other parts of the circuit, so it is made of metal to be electrically conductive. For the sake of completeness, a copy of the corresponding use instructions (©1991) is included.³

Photographs and package display panels of the commercial product are attached, since no patent document describing this travel protection switch is known, it being deemed impractical to file with the Office a physical specimen in Applicants' possession. While Applicants' undersigned comments thereon as follows, he proposes that if Examiner wishes to inspect a physical specimen, he telephone the undersigned who would then fly with it from Germany to Washington, D.C. for a formal interview.

The drive shaft moves axially in and out of the handpiece. The toothbrush attachment has a rack-and-pinion drive which causes each stationarily-located bristle set to rotate about its own central axis, as described in U.S. Pat. 4,156,620 (Clemens) which is marked on the unit's re-charging base unit and thus also made of record herewith,⁴ and in U.S. Pat. 4,827,550 (Graham),

¹ The charging base is stamped "Bausch & Lomb Oral Care Division, Inc., made in Hong Kong" and gives a toll-free telephone number (1-800-334-4031); a recorded message at that number identified it as a consumer information line, and the woman answering the call informed the undersigned that the handpiece stamp "1D IA" identified it as having been manufactured in December, 1991.

² These are the following: (1) travel-size Bausch & Lomb Voyager Model TK-2 (© 1991 packaging; having same mount on handle as above, but a more compact battery compartment); and (2) the Dental Research Corp. Interplak Model GPB-2 (© 1987 German-language packaging for European market) from a predecessor manufacturer of the Bausch & Lomb Interplak (same handle as above). These are not separately submitted since they are cumulative with the above-described model PB-4B.

³ Instructions of the functionally identical B & L Interplak travel size version Model TK2 "Voyager".

⁴ The re-charging base is erroneously marked "Canada Pat. No. 108408"; a search in the Canadian patents database in the name of Clemens located the patent number 1082408, a family member of the Clemens U.S. Patent '620. The middle "2" was left out of the number stamped on the product.

also made of record. Inspection of the brushhead during mounting through the two rinsing slits on the back shows the internal rack portion of the brushhead's internal driven axial shaft is coupled to the handpiece's in/out axial shaft by a collet as described in Graham '550 (see collet 180 at Figs. 3-4 and col. 8, ln. 27-48). These patent documents do not otherwise appear relevant hereto.

The overall shape of the handpiece's neck region and the brushhead's handpiece-receiving chamber is illustrated in the Graham '550 reference. Differing from Figures 1-2 in Graham '550, the commercial product does not have the piece-part indicated by screw (25) on the handle and slot (103) on the brushhead. In the region approximately corresponding to the position of screw (25), the commercial product has a mechanical travel protection switch similar to a prong and recess arrangement. On the handle, the end of the metal switch protrudes through an aperture in the handle (see attached Fig. 2-3). The nose of the switch is outwardly convex and approximately V-shaped. With the brushhead mounted, the metal piece's nose is received in a correspondingly shaped notch-like formation inside of the brushhead chamber (see attached Figs. 6-7).

The travel protection switch has a metal piece on the handpiece which forms one electrode of a contact switch. In a first position of the metal piece (brushhead not mounted on the handle), the round, button-like ON/OFF switch⁵ on the handpiece is inoperable to energize the handpiece, so the axial shaft does not move in and out. With a fingertip one can move the metal electrode inwards (simulating the brushhead's mounted condition), causing an electric circuit to become complete and the shaft to move in and out. Thus, if the handpiece were packed into luggage without the brushhead, jostling would generally not turn the unit on and drain the batteries. With the brushhead mounted, the metal switch piece is moved to a second position relative its first position and the switch circuit is completed and the toothbrush can be operated.

2. Sealed switch version: the Bausch & Lomb Interplak Model PB-6

For the sake of completeness, photographs and a photocopy of the package rear panel are also submitted showing the Model PB-6 handle whose travel protection switch is configured slightly differently than the above, but which uses the brushhead attachment shown above.⁶ At a forward region of the housing there are two metal wire electrodes underneath the clear housing region which is pushed into electrical contact when the brushhead is attached. Cooperating with the travel protection circuit switch there is an oblong button which is manually operated to retract a plastic lock which is located closer to the handle grip and which locates into the same above-mentioned recess in the brushhead bottom end. The lock is located behind two rigid, outwardly-shaped bumps (Fig. 10) which are spaced parallel about the same width as the inclined plane on the front of the above PB-4B (see Fig. 3), the width corresponding to two slots on the brush attachment (Fig. 7). The package rear panel states that to release the brushhead, the user pushes the oblong release button, which retracts the lock. Photographs showing the lock in its unretracted and in retracted state (with a finger pushing the lock release button) are included, see Figs. 10-11.

⁵ The button switch also selects from three speeds indicated "1-2-3".

⁶ The package box is marked © 1992, likewise believed to have been on prior sale in the United States.

Other Foreign Patent Documents:

The author certificate of the USSR No. 749380 is in Russian, and as presently understood by the undersigned, discloses an electrical toothbrush that contains the brush head-nozzle 2, mounted on the housing 1. In the housing 1 the drive of the head 2 and the switch connected with the drive is located. The drive of the head consists of an accumulator 3 and engine 4 with an eccentric-vibrator. The switch contains a member 6 with a projection 7, arranged in a socket 5. The socket 5 has a segment with a conductive layer, connected by means of wire with one of outputs of the engine 4. The member 6 is connected to a pole of an accumulator 3, its second pole is connected to other output of the engine. The electrical toothbrush has the plug-support 13, which serves for boost charge of the accumulator 3. The brush is intended predominantly for the invalids with a restricted function of the lower extremities. While utilizing the user catches the housing of the brush, removing it thereby from a surface (for example, from a surface of desktop). Thus the member 6 under its own weight leaves the socket 5, and as a result a contact between the projection 7 and the conductive layer of the socket 5 is closing. The circuit "accumulator-engine" is closing, and the brush head 2 starts to vibrate. To stop operating of the brush it is enough to place it on any surface. Thus the member 6 will enter the socket 5 and there will be a disconnection of a circuit "accumulator-engine".

The author certificate of the USSR No. 1542539 is in Russian, and as presently understood by the undersigned discloses a device for processing of surfaces. The device contains a housing in form of handle 1, in which the threaded socket 32 is located. The socket 32 serves for installation in it of changeable operating units, including a saw for nails 4 or a toothbrush 42. Inside the housing a drive of is arranged. The drive has a means for its rotating motion conversion to oscillating motion of the operating units. The means for conversion has the main eccentric 28 and additional eccentric 29, which axis is biased concerning an axis of the main eccentric. In the device there is a control unit 34 for controlling of oscillating motions of the operating unit. At rotation of a gear 27 the eccentric 28, fixed on a gear 27 and arranged in the frame 27 is rotating. Thus the bilateral oscillating motions intercommunicate to a frame 27. In turn these motions are transmitted to a shaft 31 and the operating units, fixed on it, (for example, toothbrush).

The author certificate of the USSR No. 1674789 is in Russian, and as presently understood by the undersigned, discloses the electromechanical toothbrush having a housing 1 in which there is a drive. The drive contains an electric motor 2, power units 3 and 4 and a three-position switch 7. The shaft of the electric motor 2 is connected to a jackshaft 13, which is

connected removable to the brush head 15. The head 15 has a protective case 16, connected non-removable to the head. In the housing 1 the container 24 is located, which serves for storage and supply of toothpaste on the head 15. For getting the head 15 in rotation the switch 7 is to be put in one of end positions. Thus the voltage is feeding on contacts of the electric motor from power units 3 and 4, that provides rotation of the head 15. While getting the switch 7 in other end position the voltage changes polarity, and the head 15 is rotated backwards.

Japanese Laid-Open Patent Application No. 04-087127 is in Japanese, for which an English language "Patent Abstracts of Japan" is attached, and as presently understood by the undersigned, discloses a changeover switch. This consists of a pair of lead switches fitted in parallel to a frame at a movement conversion mechanism within a housing, a pair of magnets fitted to the inner surface side of a handle by means of a fitting frame, a resistance connected with the switch in parallel, and a resistance connected with the switch in series. The discloses magnet is understood to be for controlling velocity of rotation.

Japanese Laid-Open Patent Application No. 04-269906 is in Japanese, for which an English language "Patent Abstracts of Japan" is attached, and as presently understood by the undersigned, discloses an electric toothbrush. Contact portions electrically connecting the motor and the chargeable battery are provided between the main body and the attachment while providing a chargeable battery in the attachment.

Japanese Laid-Open Patent Application No. 08-000358 is in Japanese, for which an English language "Patent Abstracts of Japan" is attached, and as presently understood by the undersigned, discloses an electric toothbrush to provide a structure for actuating a motor switch by using a pressing force required for pushing a brush against teeth.

Japanese Laid-Open Patent Application No. 08-275961 is in Japanese, for which an English language "Patent Abstracts of Japan" is attached, and as presently understood by the undersigned, discloses an electric toothbrush to dispense with a special switch operation and improve the usability by providing such a constitution that a handle electrode makes contact with a hand when the handle part is held by the hand at tooth brushing, and an oral electrode provided near the brush part inserted in to the mouth also makes contact with the body fluid, whereby a driving circuit is formed to drive a motor.

German Utility Model GbM 296 08 164 is in German, and as presently understood by the undersigned, discloses an electric toothbrush that generates reciprocating motion using electromagnets B, B.a. to B.d.

For each of Japanese Patents 5-269024; 8-117030; and 11-318951, an English-language Patent Abstracts of Japan is attached as well as a computer-generated translation generated by the publicly-available internet site of the Japanese Patent Office.

German DE 45 05 013 A1 (Müller) is in the German language, and a Derwent English language abstract is enclosed. Examiner's attention is drawn to the disclosure, as presently understood by the undersigned, in the concluding paragraph of the specification, at column 5, lines 7-15, that in addition to the depicted embodiment, the housing 1 can be configured as a hand grip piece directly, which has a coupling device for the toothbrush 5, and that thereby the toothbrush 5 can be one-piece and releasably connected to the hand grip, or the toothbrush can be a multi-component article with a removable bristle head, whereby in that situation only the grip portion of the toothbrush 5 is formed with the housing/handpiece.

Disclosure of Applicants' Other Pending Applications:

Out of an abundance of caution, Applicants identify other pending applications on the Form 1449 ("Other Publication") of the same co-inventors pertaining to somewhat analogous subject matter:

U.S. Ser. No. 09/811,080, filed March 16, 2001, pending with Examiner Theresa Snider (internal Atty. Dkt. B 06506), published as US 2002/0129454, Notice of Allowance mailed Apr. 1, 2005 and its issue fee having been paid;

U.S. Ser. No. 10/871,469, June 18, 2004, pending with Examiner Theresa Snider (internal Atty. Dkt. B 06506-A), published as US 2005/0011025;

U.S. Ser. No. 10/872,016, filed June 18, 2004, which is a continuation of the present application, pending with Examiner Chin (internal Atty. Dkt. B 06410-A) and published as 2005/0000044 on Jan. 6, 2005; and

U.S. Ser. No. 10/872,075 filed June 18, 2004, pending with presumably Examiner Chin, and published as 2004/0255409 on Dec. 23, 2004 (internal Atty. Dkt. B 06630-A).

Applicants' co-pending Ser. No. 10/241,274 (atty. Dkt. B 06630), published as US 2003/0101526, is known to present Examiner who made a double patenting rejection thereon in the Office Action mailed Feb. 18, 2005.

Applicants' co-pending US Ser. No. 10/871,469 (internal Atty. Dkt. B 06506-A) has been amended to present claims believed patentably distinct from those of the present application.

Since in the present application all the claims are otherwise believed allowable (no art rejection having been made, and the formalities objection to form of claims 51, 59 will be dealt with by an appropriate amendment to correct), it is believed that a Notice of Allowance is appropriate, and if there even were any potential basis for further provisional obviousness-type double patenting rejections among Applicants' remaining co-pending cases, whose claims are still subject to amendment since they are at an earlier stage of prosecution than the present application, then it is proposed that in accordance with MPEP §1490 ("Two or more copending Applications" p. 1400-95, rev. May 2004) that be dealt with by a Terminal Disclaimer in any such other application after its claims are brought into allowable form and the present application's claims issue, since the present application enjoys the earliest effective filing date, being March 14, 2001 of the PCT application of which it has continuation status.

Non-Patent References:

The non-patent literature articles which are the Finkenzeller "RFID Handbook" and the Herzer article respectively, are discussed in Applicants' above-mentioned co-pending published US 2003/0101526 A1, made of record herewith, at paragraphs numbered [0094] on page 10 and [0011] on page 2, respectively.

Previous I.D.S.:

A First Information Disclosure Statement with Form 1449 making four references of record was filed Sept. 15, 2003 upon filing this new application. To date an initialed copy of the Form 1449 has not been returned to Applicants with the first Office Action, so it is kindly requested that Examiner initial and return a copy thereof with the next communication.

Patent Department
The Gillette Company
Prudential Tower Building
Boston, MA 02199

Respectfully submitted,



Edward S. Podszus
Reg. No. 35,983
Attorney for Applicants
(617) 421-7939 (EST)

11 May 2005



U.S. PATENT & TRADEMARK OFFICE

PTO FORM 1449

INFORMATION DISCLOSURE CITATION

DOCKET NO.: B 06410
(F&R 609001)

APPLICANT: Hilscher et al.
SERIAL NO.: 10/662,237
FILING DATE: Sept. 15, 2003

SHEET 1 OF 8
Examiner: Chin, Randall
GROUP: 1744

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA	3,220,039	30/11/65	Dayton et al.	15	28	30/07/63
	AB	3,571,544	23/03/71	Sheehan	200	157	21/10/68
	AC	3,802,420	09/04/74	Moffat et al.	128	56	26/06/72
	AD	4,413,199	01/11/83	Fischer	310	50	01/02/80
	AE	4,506,400	26/05/85	Klein	15	22	30/11/83
	AF	4,595,850	17/06/86	Woog	310	47	25/10/84
	AG	5,099,536	31/03/92	Hirabayashi	15	28	03/04/89
	AH	5,341,534	30/08/94	Serbinski et al.	15	22.1	21/06/93
	AI	5,381,576	17/01/95	Hwang	15	22.1	17/03/94
	AJ	6,227,853	08/05/01	Hansen et al.	433	119	16/07/99
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATE
	AK	2124686	16/12/92	China	A61C	17/26	
	AL	2149877	22/12/93	China	A61C	17/26	
	AM	2332378	11/8/99	China	A61C	17/032	
	AN	2048697	06/12/89	China	A46B	13/02	
	AO	749380	28/07/80	USSR	A46B	13/00	
	AP	1542539	15/02/90	USSR	A46B	13/08	
	AQ	1674789	07/09/91	USSR	A46B	13/04	
OTHER PUBLICATIONS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)							
	AR	Use instructions to Braun D5 electric toothbrush Type 4726 on sale in United States, circa 1991 (3 sheets-cover and pp. 8-11) including description of "Travel lock" switch.					
	AS	Color photographs of Bausch & Lomb "Interplak" Model PB-4B style Handpiece with travel protection switch and Toothbrush attachment (handpiece stamped "1D IA", believed circa 1992 on sale in the United States) (2 sheets with 7 views).					
	AT	Package rear and bottom panels of Bausch & Lomb Interplak Model PB-4B, marked © 1990 (color copy, 1 sheet).					
EXAMINER:				DATE CONSIDERED:			

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

U.S. PATENT & TRADEMARK OFFICE

PTO FORM 1449

INFORMATION DISCLOSURE CITATION

DOCKET NO.: B 06410
(F&R 609001)

APPLICANT: Hilscher et al.
SERIAL NO.: 10/662,237
FILING DATE: Sept. 15, 2003

SHEET 2 OF 8
Examiner: Chin, Randall
GROUP: 1744

U.S. PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE	
	BA	4,365,376	28/12/82	Oda et al.	15	22	13/03/80	
	BB	5,263,218	23/11/93	Giuliani et al.	15	22.1	25/02/93	
	BC	4,914,376	03/04/90	Meyer	323	352	30/03/88	
	BD	6,202,242	20/03/01	Salmon et al.	15	22.1	04/08/99	
	BE	4,371,118	01/02/83	Sontheimer et al.	241	30	02/06/80	
	BF	3,782,799	01/01/74	Hansen	312	206	10/08/72	
	BG	5,974,615	11/2/99	Schwarz-Hartmann	15	22.4	28/10/96	
	BH	4,156,620	5/29/79	Clemens	134	6	5/27/77	
	BI	4,827,550	5/9/1989	Graham et al.	15	22	5/4/1988	
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATE	
	BJ	08-117030	14/05/96	JP	A46B	13/02	Abs.	
	BK	08-275961	22/10/96	JP	A61C	17/22	Abs.	
	BL	08-000358	09/01/96	JP	A46B	13/02	Abs.	
	BM	05-269024	19/10/93	JP	A46B	13/02	Abs.	
OTHER PUBLICATIONS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)								
	BN	Product use instructions to Bausch & Lomb Interplak travel-style "Voyager" model TK-2 marked © 1991 (6 photocopied sheets containing cover and pages 1-10).						
	BO	Color photographs of Bausch & Lomb "Interplak" Model PB-6 style Handpiece with waterproof electronic travel protection switch (believed circa 1992 on sale in the United States) (6 views).						
	BP	Package rear and bottom panels of Bausch & Lomb Interplak Model PB-6, marked © 1992 (color copy, 1 sheet).						
	BQ	"RFID Made Easy" Handbook by EM Microelectronic-Marin SA, 2074 Marin, Switzerland, copr. 2000 and dated March, 2001, Rev. C/350, pp. 1-33.						
	BR	PCT Search Report in corresponding PCT/EP01/02844 dated 1 August 2001.						
EXAMINER:				DATE CONSIDERED:				

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

U.S. PATENT & TRADEMARK OFFICE

PTO FORM 1449

INFORMATION DISCLOSURE CITATION

DOCKET NO.: B 06410
(F&R 609001)

APPLICANT: Hilscher et al.
SERIAL NO.: 10/662,237
FILING DATE: Sept. 15, 2003

SHEET 3 OF 8
Examiner: Chin, Randall
GROUP: 1744

U.S. PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE	
	CA	6,367,108	09/04/02	Fritsch et al.	15	28	17/02/00	
	CB	5,812,065	22/09/98	Schrott et al.	340	825.54	08/12/95	
	CC	6,177,870	23/01/01	Lian et al.	340	572.5	13/01/99	
	CD	5,337,435	16/08/94	Krasner et al.	15	23	18/09/92	
	CE	4,352,098	9/28/1982	Stephen et al.	340	572	5/16/1980	
	CF	6,195,828 B1	3/6/2001	Fritsch	15	22.1	10/22/1999	
	CG	5,289,604	3/1/1994	Kressner	15	22.1	5/5/1992	
	CH	5,577,285	11/26/96	Drössler	15	22.1	10/29/1993	
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATE	
	CI	04-269906	25/09/92	JP	A46B	13/02	Abs.	
	CJ	04-087127	19/03/92	JP	H01H	36/00	Abs.	
	CK	11-318951	24/11/99	JP	A61C	17/22	Abs.	
	CL	2082713	10/03/82	GB	F16P	3/08		
	CM	046 169	22/08/84	EP	A47J	43/046	Abs.	
OTHER PUBLICATIONS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)								
	CO	Herzer, Gieselher, "Der große Lauschangriff auf Ladendiebe" [transl: "The great surveillance of Shoplifters"] in Physikalische Blätter [transl: Physics Letters] Vol. 57 (2001), No. 5, pp. 43-48.						
	CP	Finkenzeller, Klaus, "RFID-Handbuch, Grundlagen und praktische Anwendungen induktiver Funkanlagen, Transponder und kontaktloser Chipkarten" [Trans: "RFID Handbook, Fundamentals and practical Applications to inductive radio Communications, Transponders and Contactless Chip Cards"], Carl Hanser Verlag München, 2nd Edition, Chapter 3, pages 29 to 58 w/ title page and Impressum, Contents pages vii-xviii, and Appendices 15.2 "Standards" and 15.3 "Literature" on pages 393 to 406.						
EXAMINER:					DATE CONSIDERED:			

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

U.S. PATENT & TRADEMARK OFFICE

PTO FORM 1449

INFORMATION DISCLOSURE CITATION

DOCKET NO.: B 06410
(F&R 609001)

APPLICANT: Hilscher et al.
SERIAL NO.: 10/662,237
FILING DATE: Sept. 15, 2003

SHEET 4 OF 8
Examiner: Chin, Randall
GROUP: 1744

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	DA	3,904,841	9/1975	Swatman	433	98	
	DB	5,784,742	7/28/1998	Giuliani et al.	15	22.1	6/23/1995
	DC	6,029,303	2/29/2000	Dewan	15	105	3/4/1998
	DD	5,760,580	6/2/1998	Tyren	324	239	4/25/1995
	DE	6,531,873	3/11/2003	Wohlrabe	324	422	5/4/2000
	DF	5,392,028	2/21/1995	Pichl	340	572	12/6/1993
	DG	5,576,693	11/19/96	Tyren et al.	340	572	1/20/1993
	DH	5,065,137	11/12/91	Herman	340	572	8/3/1990
	DI	4,736,207	4/5/1988	Siikaria et al.	343	895	1/31/1986
	DJ	4,704,602	11/3/1987	Åsbrink	340	551	2/5/1985
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATE
	DK	848 921	12/12/97	EP	A46B	15/00	
	DL	624 079	10/29/93	EP	A61C	17/34	
	DM	296 08 164	04/05/96	DE	A61C	17/22	Abs.
	DN	24 13 524	02/10/75	DE	F16P	3/08	Abs.
	DO	199 21 677	23/11/00	DE	G01R	31/02	Abs.
	DP	198 32 607	18/05/00	DE	A47K	1/09	Abs.
	DQ	43 05 013	25/8/94	DE	A61C	17/00	Abs.
	DR	40 36 479	21/5/92	DE	H02J	7/00	Abs.
OTHER PUBLICATIONS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)							
	DS	Applicants' U.S. Ser. No. 09/811,080 filed March 16, 2001 pending with Examiner T. Snider, published as US 2002/0129454, (their internal Dkt. B06506).					
	DT	Applicants' U.S. Ser. No. 10/871,469 filed June 18, 2004 pending with Examiner T. Snider, published as US 2005/0011025 on Jan. 20, 2003 (their internal Dkt. B06506-A).					
EXAMINER:				DATE CONSIDERED:			

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

U.S. PATENT & TRADEMARK OFFICE

PTO FORM 1449

INFORMATION DISCLOSURE CITATION

DOCKET NO.: B 06410
(F&R 609001)

APPLICANT: Hilscher et al.
SERIAL NO.: 10/662,237
FILING DATE: Sept. 15, 2003

SHEET 5 OF 8
Examiner: Chin, Randall
GROUP: 1744

U.S. PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE	
	EA	3,810,147	5/7/1974	Lichtblau	340	280	12/30/1971	
	EB	US 2003/0115694	6/26/2003	Pace	15	22.1	12/20/2001	
	EC	US 2003/0101526	6/5/2003	Hilscher et al.	15	22.1	9/10/2002	
	ED							
	EE							
	EF							
	EG							
	EH							
	EI							
	EJ							
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATE	
	EK	28 26 008 C2	6/16/83	Germany	H01H	36/00	Abs.	
	EL	44 22 086 C1	24/06/94	Germany	A47J	43/08	Abs.	
	EM	299 15 858 U1	9/9/99	Germany	A46B	15/00	Abs.	
	EN	195 18 935	5/23/95	Germany	A61C	17/00		
	EO	199 53 651	10/05/01	Germany	G08B	13/22		
	EP	40 36 373 C2	15/11/90	Germany	H02J	7/00	Abs.	
	EQ	42 43 219 A1	19/12/92	Germany	A61C	17/22	Abs.	
OTHER PUBLICATIONS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)								
	ER	Applicants' U.S. Ser. No. 10/872,075 filed Jun. 18, 2004 believed pending with Examiner R. Chin, published as US 2004/0255409 on Dec. 23, 2004 (their internal Dkt. B06630-A).						
	ES	Applicants' U.S. Ser. No. 10/872,016 filed Jun. 18, 2004 pending with Examiner R. Chin, published as US 2005/0000044 Jan. 6, 2005 (their internal Dkt. B06410-A).						
EXAMINER:					DATE CONSIDERED:			

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

U.S. PATENT & TRADEMARK OFFICE

PTO FORM 1449

INFORMATION DISCLOSURE CITATION

DOCKET NO.: B 06410
(F&R 609001)

APPLICANT: Hilscher et al.
SERIAL NO.: 10/662,237
FILING DATE: Sept. 15, 2003

SHEET 6 OF 8
Examiner: Chin, Randall
GROUP: 1744

U.S. PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE	
	FA							
	FB							
	FC							
	FD							
	FE							
	FF							
	FG							
	FH							
	FI							
	FJ							
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATE	
	FK	97/24079	10/07/97	WO	A61C	17/22		
	FL	98/55274	10/12/98	WO	B26B	21/44		
	FM	98/24527	11/06/98	WO	A63F	9/00		
	FN	01/08591	02/08/01	WO	A61C	17/22		
	FO	00/47128	8/17/00	WO	A61C	17/16		
	FP	00/42584	20/07/00	WO	G08B	13/14		
	FQ	00/39768	06/07/00	WO	G08B	13/24		
	FR	00/74591	09/06/00	WO	A61C	17/22		
OTHER PUBLICATIONS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)								
	FS	PCT Search Report of PCT/EP01/02862 corresponding to co-pending US Ser. No. 09/811,080 (Atty. Dkt. B06506), dated 25 July 2001.						
	FT	PCT Search Report of PCT/EP02/01724 corresponding to co-pending US Ser. No. 10/241,274 (Atty. Dkt. B06630), dated 10 July 2002.						
EXAMINER:					DATE CONSIDERED:			

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

U.S. PATENT & TRADEMARK OFFICE

PTO FORM 1449

INFORMATION DISCLOSURE CITATION

DOCKET NO.: B 06410
(F&R 609001)

APPLICANT: Hilscher et al.
SERIAL NO.: 10/662,237
FILING DATE: Sept. 15, 2003

SHEET 7 OF 8
Examiner: Chin, Randall
GROUP: 1744

U.S. PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE	
	GA							
	GB							
	GC							
	GD							
	GE							
	GF							
	GG							
	GH							
	GI							
	GJ							
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATE	
	GK	195 06 129	22/02/95	DE	A61C	17/00	Abs.	
	GL	297 09 865 U1	06/06/97	DE	A46B	15/00		
	GM	634 151	18/01/95	EP	A61C	17/34		
	GN	440 051	07/08/91	EP	A47J	42/56	Abs.	
	GO	024 992	27/06/84	EP	A47J	43/046	Abs.	
	GP	285 915	12/10/88	EP	H03K	17/97	Abs.	
	GQ	787 469	8/06/97	EP	A61C	17/16		
OTHER PUBLICATIONS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)								
	GR							
	GS							
EXAMINER:					DATE CONSIDERED:			

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

U.S. PATENT & TRADEMARK OFFICE

PTO FORM 1449

INFORMATION DISCLOSURE CITATION

DOCKET NO.: B 06410
(F&R 609001)

APPLICANT: Hilscher et al.
SERIAL NO.: 10/662,237
FILING DATE: Sept. 15, 2003

SHEET 8 OF 8
Examiner: Chin, Randall
GROUP: 1744

U.S. PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE	
	HA							
	HB							
	HC							
	HD							
	HE							
	HF							
	HG							
	HH							
	HI							
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATE	
	HJ	391 967 B1	8/12/92	EP	A61C	19/00		
	HK	294 548 B1	4/7/93	EP	A61C	17/00		
	HL	01/91603	12/6/2001	WO	A46B	9/10		
	HM	37 08 801	9/29/88	DE	A61B	17/39	Abs.	
	HN	199 53 651	10/05/01	DE	G08B	13/22	Abs.	
	HM	195 18 935	5/23/95	DE	A61C	17/00	Abs.	
	HP	199 23 104 A1	11/23/00	DE	A46B	15/00	Abs.	
	HQ							
OTHER PUBLICATIONS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)								
	HR							
	HS							
EXAMINER:				DATE CONSIDERED:				

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.